**The name of the academic discipline:**

**“Web Technologies”**

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| **Specialty code and name** | 6-05-0612-01 Software Engineering |
| **Year of study** | 2 |
| **Semester of study** | 4 |
| **Number of in-class academic hours:** | 52 |
| **Lectures**  **Seminar classes**  **Practical classes**  **Laboratory classes** | 26 |
| - |
| - |
| 26 |
| **Form of the current assessment (*credit/ graded credit /exam*)** | credit |
| **Number of credit points** | 3 |
| **Competences** | Mastering the academic discipline “Web Technologies” should provide the following competencies: use theoretical knowledge and practical skills in the field of designing and implementing web-oriented applications at all stages of development, using related technologies to ensure the functioning of web applications. |
| **Summary of the academic discipline:**  Client-server architecture. HTTP protocol. Client request and server response structure. Request methods and header fields. MIME. Cookie. WWW authentication methods: basic, digest, integrated Windows. SSL and TLS.  Introduction to HTML (X HTML). HTML document structure. Markup elements. Document header – HTML tag and its elements. Document body. HTML tags and attributes. Headings in HTML. Lists in HTML. Tables.  HTML. Tags and attributes. List of standard HTM1 attributes. Images in Hl'ML. Background images. Embedding images. Image sizes. Separating images from text. Frame around an image. Placing an image on a page. Links and anchors. Relative links.  CSS. Basic purposes and tasks of CSS. Ways to add styles to a WEB page. Ways to apply cascading tables to an HTM page. What is CSS? Methods for defining a style sheet in an HTML document. Basic selectors. Element selector. Class selector. ID selector. Group selectors. Font family. Font style. Font size. Text alignment. Different list item markers. Color and background properties.  Features of using CSS selectors. | |